ANNUAL REPORT

for the fiscal year ending March 31, 1984

Department of
Labour and Manpower

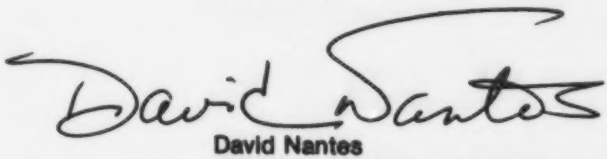
Fire Marshal

To His Honour
The Honourable Alan R. Abraham, C.D.
Lieutenant Governor of Nova Scotia
Halifax, Nova Scotia

May It Please Your Honour:

The undersigned has the honour to present the Annual Report of the Fire Marshal, Department of Labour and Manpower, for the fiscal year ending March 31, 1984.

Respectfully submitted,



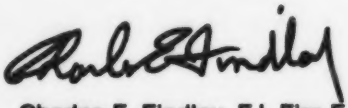
David Nantes
Minister of Labour and Manpower

The Honourable David Nantes
Minister of Labour and Manpower
Province of Nova Scotia
Halifax, Nova Scotia

Dear Sir:

I have the honour to present the 1983–84 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,



Charles E. Findlay, F.I. Fire E.
Fire Marshal

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ANNUAL REPORT OF THE FIRE MARSHAL

For the Fiscal Year Ending March 31, 1984

Loss of Life and Injuries

Fire claimed the lives of 26 persons during the 12-month period ending March 31, 1984 — 11 men, 5 women and 10 children. This compares with 46 lives lost the previous year.

The following were reported as the main cause of fire, involving deaths:

- Careless handling of smoking material accounted for five deaths or 19 per cent.
- Children playing with matches also accounted for five deaths or 19 per cent.

Twenty-five fire fatalities occurred in residential properties.

If approved smoke alarms had been installed, and fire prevention practised, most of these fire fatalities would not have occurred.

Fire also injured 73 persons during the year, including 24 firefighters.

Property Loss

The recorded fire loss occurring in the Province of Nova Scotia for the fiscal year was placed at $17,701,526 as a result of 2,634 fires. This compares with a fire loss of $29,164,906 and 2,589 fires in the previous fiscal year.

During the fiscal year five fires accounted for $3,061,332 or 17 per cent of the total monetary loss.

Main Causes of Fires

The following are listed as the reported main causes of all fires.

- Chimneys, stacks and pipes — 657 fires with a monetary loss of $1,133,500.
- Arson and suspected incendiary — 214 fires with a monetary loss of $2,186,122.

- Electrical miscellaneous — 142 fires with a monetary loss of $2,817,376.

- Careless handling of smoking materials — 135 fires with a monetary loss of $807,363.

- Short circuit, faulty wiring — 132 fires with a monetary loss of $934,528.

Chimney stacks and pipes have become, for the fourth year in a row, the most likely location for a fire to start.

Comparing this year with the last fiscal year, it is noted that this cause of fire has increased 24 per cent.

The main reasons for this increase are attributed to the build-up of creosote in the flues and the lack of maintenance in removing the creosote.

Since the burning of wood is now a main source for heating homes in the Province, the public needs more education on how to look after this equipment properly.

The fire service, in cooperation with the Office of the Fire Marshal, is constantly trying to educate the public in the maintenance and operation of this equipment through displays, lectures and courses.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, city and municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureaux and the Fire Marshal's staff.

A total of 214 fires with losses of $2,186,122 were attributed to arson or suspected incendiary. This compares to 269 fires with monetary losses of $6,199,300 reported in the previous fiscal year.

Extensive investigations resulted in 30 persons being charged under the Criminal Code of Canada.

The decrease in the number of reported fires related to arson and suspected incendiary is mainly due to the upgrading of fire investigators throughout the province.

During the fiscal year, the Fire Marshal was Principal of the Canadian Fire Investigation School (Eastern) Level II, which was held in Wolfville, Nova Scotia.

Fire Prevention Activities

The main activities of the Fire Marshal's Division for the fiscal year ending March 31, 1984, are shown in Table I.

The distribution of public safety information played a prominent role. Public information services were maintained through the film library, directories, displays and lectures.

Membership in the following international, national, provincial and local advisory and enforcement agencies provided the Fire Marshal's Division with current fire safety information and requirements:

Association of Professional Engineers of Nova Scotia
Advisory Committee on Electrical Safety
Canadian Association of Fire Chiefs
Canadian Association of Fire Marshals and Fire Commissioners
Canadian Association of Fire Investigators
Canadian Elevator Safety Code
Canadian Gas Association
Canadian Standards Association
Chief Fire Officers' Association of Nova Scotia
Engineering Institute of Canada
Fire Marshals Association of North America
Fire Prevention Canada (Fiprecan) Association
International Association of Arson Investigators
International Association of Electrical Inspectors
International Association of Fire Chiefs
Institution of Fire Engineers
Interprovincial Gas, Advisory Council
Maritime Fire Chiefs' Association
National Fire Protection Association
Nova Scotia Board of Examiners (L.P. Gas Regulations)
Nova Scotia Firefighters School
Underwriters' Laboratories of Canada
Warnock Hersey Professional Services Ltd.

L.P. Gas Board of Examiners

The L.P. Gas Board of Examiners was very active during the fiscal year in carrying out certification of persons working in the propane industry. During this period 180 applicants wrote 188 exams.

Fire Prevention Week

The week of October 7-13 was, by Royal Proclamation, designated as Fire Prevention Week throughout Canada.

The following is a list of activities that were carried out by this division during Fire Prevention Week:

- Total number of schools visited — 248.
- Fire evacuation drills and fire prevention talks were held in most of these schools.
- Various Fire Prevention Week parades and poster-judging contests were attended.
- Fire prevention talks were given to various organizations throughout the province.
- Approximately 80,000 pieces of fire prevention material were distributed throughout the province.
- Various press releases were issued to the newspapers, radio stations and television concerning fire prevention.
- All fire prevention films were loaned out to various departments throughout the province.

Fireworks Act

On February 1, 1984, the Governor in Council, pursuant to Section I of Chapter 108 of the Revised Statutes of Nova Scotia, 1967, the Fireworks Act, defined fireworks as those items listed in Schedule "A".

NOTE: Schedule "A" lists what are classified as fireworks; previous to this it was not clear what was a firework.

Fire Marshal's Division Staff

The Fire Marshal's Division consists of the following staff:

— Fire Marshal
— Secretary
— Six Deputy Fire Marshals (one in Sydney)
— Chief Electrical Inspector
— Fire Inspector — Lightning Rods
— Chief L.P. Gas Inspector
— L.P. Gas Inspector
— Senior Plan Examiner
— Two Plan Examiners
— Sprinkler Systems Technician
— Fire Service Training Officer
— Two Stenographers

During the period under review, two staff members were replaced and there was one retirement.

Select Committee of Inquiry on the Volunteer Fire Service

The Fire Marshal accompanied the Select Committee, which was established to examine all aspects of the Nova Scotia volunteer fire service, at meetings across Canada to study aspects of the volunteer fire service in other jurisdictions.

The Fire Marshal accompanied the Select Committee to provide background information for the committee members.

During the period of this Annual Report, the Select Committee tabled an interim report before the Legislature. That interim report made a number of recommendations regarding the volunteer fire service. Since then, many of those recommendations have been acted upon by this Office.

Summary

In reviewing the fire losses in this fiscal year compared with last year, it is noted that the number of fires increased by 45; while the monetary loss decreased by $11,463,380 or 39 per cent.

In the last two years the monetary losses recorded have been

decreasing from the record high of $40,294,590 experienced in the fiscal year ending March 31, 1982.

Automatic sprinkler systems, and fire prevention practised on a permanent basis, are the main reasons for the reduction of the number of large fires and the amount of monetary losses reported.

In the last ten years 317 Nova Scotians, including 84 children, have lost their lives due to fire. This is a large loss of human resources which the province cannot afford.

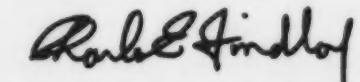
Residential fires account for approximately 53 per cent of the total number of reported fires and for over 90 per cent of fatal fires.

In reviewing these losses it becomes apparent that more emphasis is needed on fire prevention in the home. The combined efforts of the fire service, law enforcement agencies and the general public will assist to reduce this tragic loss of life and destruction of property.

My sincere thanks are extended to the 335 fire departments, including industrial brigades and other fire protection services, for the excellent cooperation received during the year. I would also like to thank all municipal authorities, insurance adjusters, inspectors of mutual insurance companies, Insurance Crime Prevention Bureaux, officers and members of the Royal Canadian Mounted Police, city and town police forces, fire department ladies' auxiliaries, the press and television stations for their excellent cooperation during the year.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service, and also to the people of Nova Scotia, who in so many ways assisted in fire prevention and protection.

Respectfully submitted,



Charles E. Findlay, F.I. Fire E.
Fire Marshal

TABLE I
FIRE PREVENTION ACTIVITIES

April 1, 1983 - March 31, 1984

The following table shows some of the principal work carried out by the Fire Marshal's Division.

Inspections:

Assembly	523
Business and personal occupancy	28
Electrical	14
Industrial	9
Institutional	610
Lightning rod installations	57
L.P. Gas installations	89
Mercantile	20
Residential	264
Special	72
Sprinkler systems	93
Total	1,779

Annual meetings and banquets attended	42
Architect meetings	426
Attending new fire hall openings	7
Attending fire prevention and fire fighting training courses	20
Conducting fire fighting training sessions	92
Conducting fire prevention training courses	11
Conducting wood burning fire safety seminars	22
Court appearances	40
Electrical	38
Films loaned	430
Fire Advisory Council meetings	6
Fire department meetings and consultations	206
Fire investigations	143
Fire Marshal's quarterly bulletins distributed per issue	850
Government, municipal and civic authorities meetings	96
L.P. Gas Board of Examiners meetings	30
L.P. Gas meetings	121
Meetings pertaining to automatic sprinkler systems	20

Number of plans examined:	
Buildings	561
L.P. Gas installations	214
Sprinkler installations	72
Other meetings concerning fire safety	86

TABLE II

CAUSES OF FIRES WHICH RESULTED IN LOSS OF LIFE AND/OR INJURIES*
April 1, 1983 - March 31, 1984

	Deaths				Injuries				
Causes	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
Arson or suspected incendiary	1			1		1		1	2
Careless handling of smoking materials	3	2		5	3	1	1	1	6
Chimneys, stacks, pipes and flues					1			1	2
Children playing with matches			5	5					
Defective oil heating appliances and equipment								1	1
Electrical (miscellaneous)	1		1	2	2	1		2	5
Electrical appliances (other than heating)						2	2		4
Ignition of fat, grease and cooking oil		1	1	2	4	2	1		7
Improper installation of oil heating appliances and equipment	1			1					
Miscellaneous					2	2		3	7
Misuse of flammable liquids					1		1		2
Misuse of kerosene heater	1			1					
Misuse of solid fuel burning appliances and equipment			1	1					
Propane appliances and equipment (miscellaneous)					1				1
Radiated heat (other than electrical)							1		1
Short circuit and faulty wiring					2			1	3
Solid fuel burning appliances and equipment (build-up of creosote)								1	1
Solid fuel burning appliances and equipment (miscellaneous)								1	1
Undetermined	4	2	2	8	12	3	2	10	27
Welding					1			2	3
Total	11	5	10	26	29	12	8	24	73

*The above table does not include two deaths and nine injuries caused by electrical power.

TABLE III

TYPE OF PROPERTY WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE*
April 1, 1983 - March 31, 1984

	Deaths				Injuries				
Type of Property	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
Apartment buildings	1	2	1	4	5	3	2	1	14
Automobiles						2		3	5
Barns and other farm properties								1	1
Dwellings	10	2	9	21	16	6	6	7	35
Fish plants								1	1
Foundries, metal works								1	1
Hospitals and nursing homes		1		1					
Hotels and motels						1			1
Marine					2			2	4
Miscellaneous manufacturing					2				2
Mobile homes					1				1
Private garages								2	2
Retail stores								1	1
Service Stations					3			2	5
Total	11	5	10	26	29	12	8	24	73

*The above table does not include two deaths and nine injuries caused by electrical power.

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
April 1, 1983–March 31, 1984
(Monetary and Per Capita Fire Loss Averages)
April 1, 1974–March 31, 1984

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Province of Nova Scotia	847,422	2,634	$17,701,526	$205,749,071	$20,574,907	$ 20.89	$ 24.28
Annapolis County	15,615	34	203,025	4,098,840	409,884	13.00	26.25
Annapolis Royal	631	2	1,009	480,454	48,045	1.60	76.14
Bridgetown	1,047	11	53,621	438,194	43,819	51.21	41.85
Lawrencetown	550	6	18,648	46,309	4,631	33.91	8.42
Margaretville	207	10	7,098	174,107	17,411	34.29	84.11
Middleton	1,834	17	7,249	185,300	18,530	3.95	10.10
Nictaux	1,048	10	33,349	162,423	16,242	31.82	15.50
Port Lorne	377	1	801			2.12	
Springfield	1,213			97,518	9,752		8.04
Antigonish County	10,351	11	32,313	1,167,615	116,762	3.12	11.28
Antigonish	5,205	11	64,161	1,094,609	109,461	12.33	21.03
Auld's Cove	246			25,200	2,520		10.24
Four Valleys (Maryvale)	118	3	6,200			52.54	
Havre Boucher	386			142,350	14,235		36.88
Northshore (Ballantynes Cove)	151						

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Pomquet	601	2	52,000	339,892	33,989	86.52	56.55
St. Andrew's	345	3	49,804			144.36	
Tracadie	707	2	2,236	22,971	2,297	3.17	3.25
Cape Breton County	23,299	24	189,529	2,889,346	288,935	8.13	12.40
Albert Bridge	98	1	31,660			323.06	
Big Pond	227	3	3,293	13,993	1,399	14.51	6.16
Birch Grove	424	2	17,723	76,710	7,671	41.80	18.09
Coxheath	771	2	6,000	101,251	10,125	7.78	13.13
District 6, Christmas Island	77	2	135,680	380,369	38,037	1,762.08	493.99
District 14, Main-a-Dieu	402						
Dominion	2,856	12	90,453	380,369	38,037	31.67	13.32
Donkin	859			227,191	22,719		26.45
Florence	2,111	5	34,945	946,927	94,693	16.55	44.86
Frenchvale	506						
Gabarus	216			15,105	1,511		7.00
George's River	190	1	4,000			21.05	
Glace Bay	21,466	59	697,177	9,996,699	999,670	32.48	46.57
Grand Lake Road	1,248	3		563,283	56,328		45.13
Louisbourg	1,410	4	62,705	413,646	41,365	44.47	29.34
Marion Bridge	465	4	59,500	266,338	26,634	127.96	57.28
Mira Road	1,569			102,835	10,284		6.55
New Victoria	1,363	8	89,655	389,676	38,968	65.78	28.59

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
New Waterford	8,808	27	429,833	2,433,218	243,322	48.80	27.63
North Sydney	7,820	32	611,537	2,718,231	271,823	78.20	34.76
Northside, East Bay	899						
Port Morien	711			167,108	16,711		23.50
Reserve Mines	2,454	5	37,745	497,743	49,774	15.38	20.28
Scotchtown	2,020	8	32,425	273,394	27,339	16.05	13.53
South Bar	891	6	105,791			118.73	
Sydney	29,444	175	625,188	7,208,960	720,896	21.23	24.48
Sydney Mines	8,501	43	240,485	2,077,640	207,764	28.29	24.44
Sydney River	2,468	1	11,059	133,052	13,305	4.48	5.39
Tower Road	396			2,000	200		.51
Westmount	3,066			244,023	24,402		7.96
Colchester County	16,485	16	18,081	1,219,807	121,981	1.10	7.40
Bass River	203			25,000	2,500		12.32
Bible Hill	4,266	6	38,563	1,832,903	183,290	9.04	42.97
Brookfield	610	1	3,000	126,432	12,643	4.92	20.73
Cobequid District	253	6	5,470	458,891	45,889	21.62	181.38
Debert	618	9	46,000	423,793	43,279	74.43	70.03
Economy	169	1	45,910			271.66	
Five Islands	447			80,268	8,027		17.96
Great Village	515	7	39,557	101,879	10,188	76.81	19.78
Hilden	1,262	3	20,000	274,211	27,421	15.85	21.73
North River	665			131,708	13,171		19.81

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Onslow-Belmont	1,180	2		146,406	14,641		12.41
Salmon River	1,889	3	57,415	156,724	15,672	30.39	8.30
Stewiacke	1,174	10	107,385	401,802	40,180	91.47	34.22
Tatamagouche	579	15		93,466	9,347		16.14
Truro	12,552	64	816,151	4,002,951	400,295	65.02	31.89
Upper Stewiacke	210			102,397	10,240		48.76
Valley-Kemptown	147	2	56,643			385.33	
Cumberland County	12,108	17	298,041	1,739,527	173,953	24.45	14.37
Advocate	193	1	22,330			115.70	
Amherst	9,684	14	69,380	2,833,121	283,312	7.16	19.26
Collingwood	148	9	50,300	158,150	15,815	339.86	106.86
Joggins	632	1	2,900	27,911	2,791	4.59	4.42
Oxford	1,470	5	10,913	171,951	17,195	7.42	11.70
Parrsboro	1,799	1	1,500	478,309	47,831	.83	26.59
Port Greville	102	1	15,965	91,564	9,156	156.52	89.76
Pugwash	941	2	65,700	200,623	20,062	69.82	21.32
River Hebert	1,234	5	13,607	407,822	40,782	11.03	33.05
Southampton	209						
Springhill	4,896	2	56,569	1,541,420	154,142	11.55	31.48
Tidnish Bridge	360			68,992	6,899		19.16
Truemanville	179			38,145	3,815		21.31
Wallace	521	4	55,800	216,538	21,654	107.10	41.56

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Wentworth	566	4	78,395	164,442	16,444	138.51	29.05
Westchester	189	2	13,000	55,680	5,568	68.78	29.46
Digby County	11,870	22	151,714	2,090,384	209,038	12.78	17.61
Bear River	475			104,123	10,412		21.92
Brighton and Barton	340			5,624	562		1.65
Danvers, Southville-Riverdale	245						
Digby	2,558	3	1,500	1,643,518	164,352	.59	64.25
Freeport	452	1	548			1.21	
Havelock	74	1	2,300			31.08	
Hectanooga	85	2	8,000			94.12	
Little Brook	429			25,681	2,568		5.99
Meteghan	1,836	8	20,407	534,050	53,405	11.11	29.09
Plympton-Gilbert Cove	610	2	86,000	262,546	26,255	140.98	43.04
St. Bernard	322			49,880	4,988		15.49
Salmon River	323	1		7,550	755		2.34
Smith's Cove	469	3	7,000	150,303	15,030	14.93	32.05
Tiverton	292	1		12,886	1,289		4.41
Westport	353	3	1,250	44,925	4,493	3.54	12.73
Weymouth	956	2	30,000	505,246	50,525	31.38	52.85

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Guysborough County	6,873	9	19,602	779,160	77,916	2.85	11.34
Canso	1,255	1	560	286,778	28,678	.45	22.85
District 6, Goshen	205	2	7,800			38.05	
Down East (Sherbrooke)	390	2	2,000	226,203	22,620	5.13	58.00
Ecum Secum	336	1		217,837	21,784		64.83
Guysborough	545	1	67,910	1,177,959	117,796	124.61	216.14
Harbourview	134	7	27,000			201.49	
Hazel Hill	254	1	53,218			209.52	
Liscomb	150	2	6,658			44.39	
Little Dover	607	1	2,094			3.45	
Manchester-Boylston	303	1					
Mulgrave	1,099	2	570	206,054	20,605	.52	18.75
St. Mary's (Aspen)	120						
Seashore (Port Bickerton)	130	1	468	2,483	248	3.60	1.91
Seven Communities (Sandy Point, Hadleyville)	190						
Torbay	73	1	16,000			219.18	
Whitehead	88	4	29,486			335.07	
Halifax County							
Bay Road	2,300	6	33,343			14.50	
Beaverbank-Kinsac	2,544	2	10,000	24,353	2,435	3.93	.96
Bedford	6,777	16	60,860	1,163,093	116,309	8.98	17.16

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Chezzetcook	2,836	7	31,645	157,955	15,796	11.16	5.57
Dartmouth	62,277	166	1,329,227	7,803,549	780,355	21.34	12.53
Dist. 1, Black Point	3,076			203,038	20,304		6.60
Dist. 4, Terence Bay	2,412	1	525	229,645	22,965	.22	9.52
Dist. 6, Eastern Passage	4,277	4	17,819	539,441	53,944	4.17	12.61
Dist. 7, Cole Harbour	17,500	48	40,412	474,336	47,434	2.31	2.71
Dist. 8, Lake Echo	4,557	14	69,293	373,603	37,360	15.21	8.20
Dist. 9A, Lawrencetown	2,202	11	88,500	538,179	53,818	40.19	24.44
Dist. 10, East Oyster Pond - Jeddore	1,163	2	585	271,395	27,140	.50	23.34
Dutch Settlement	419			8,315	832		1.99
Gay's River	369	7	20,827	59,374	5,937	56.44	16.09
Goff's	111	3	54,500	92,180	9,218	490.99	83.05
Grand Lake	1,000	2	2,400	19,728	1,973	2.40	1.97
Halifax	114,594	430	1,162,373	19,675,078	1,967,508	10.14	17.17
Hammonds Plains	2,000	1	5,000	411,107	41,111	2.50	20.56
Harrietsfield	2,367			162,463	16,246		6.86
Hatchet Lake	2,412			146,728	14,673		6.08
Herring Cove	2,367	16	23,214	108,580	10,858	9.81	4.59
Lakeside	4,692			181,045	18,105		3.86
Meagher's Grant	369	8	22,427	155,152	15,515	60.78	42.05
Middle Musquodoboit	1,445			175,123	17,512		12.12
Mooseland	300	1	13,550			45.17	

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Mosher's River	946	1	35,000	134,176	13,418	37.00	14.18
Musquodoboit Harbour	936	6	27,778	157,907	15,791	29.68	16.87
Ostrea Lake and Pleasant Point	402						
Sackville	27,500	48	312,495	3,160,524	316,052	11.36	11.49
Seabright	1,500	3	16,365	300,402	30,040	10.91	20.03
Sheet Harbour	1,001	18	98,348	534,115	53,412	98.25	53.36
Tangier	300	6	26,120			87.07	
Three Harbours (Port Dufferin)	900						
Upper Hammonds Plains	620			28,934	2,893		4.67
Upper Musquodoboit	1,200	1	16,000	1,107,442	110,744	13.33	92.29
Waverley	1,699	2	181,900	686,917	68,692	107.06	40.43
Wellington	2,788	5	9,224	980,649	98,065	3.31	35.17
Windsor Junction	3,000	3	1,926	199,048	19,905	.64	6.64
Hants County	17,673	20	99,910	2,314,295	231,430	5.65	13.10
Brooklyn	529	39	79,250	757,913	75,791	149.81	143.27
Elmsdale	1,162	3	2,000	182,134	18,213	1.72	15.67
Enfield	1,510	2	9,713	1,010,345	101,035	6.43	66.91
Gore District	543	1	1,570	68,946	6,895	2.89	12.70
Hantsport	1,395	2	899	205,140	20,514	.64	14.71
Kennetcook	330	4	88,442	193,707	19,371	268.01	58.70

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Lantz	1,172	3	5,093	146,133	14,613	4.35	12.47
Maitland	230	4	567	130,432	13,043	2.47	56.71
Milford	748	1	95,000	102,499	10,250	127.01	13.70
Moosebrook-Minasville	181	1	9,000	98,900	9,890	49.72	54.64
Nine Mile River	537			114,206	11,421		21.27
Noel	469			16,061	1,606		3.42
Shubenacadie	626	1	1,381	296,272	29,627	2.21	47.33
Summerville	272	3	17,000	206,421	20,642	62.50	75.89
Uniacke and District	1,311	4	33,350	381,963	38,196	25.44	29.14
Upper Rawdon	501			76,798	7,680		15.33
Walton Shore	286	5	13,450	2,095,088	209,509	47.03	732.55
Windsor	3,646	19	138,972	1,728,845	172,885	38.12	47.42
Inverness County	10,688	5	3,334	871,162	87,116	.31	8.15
Ainslie-Upper Margaree	64			125,500	12,550		196.09
Cheticamp	1,069	10	15,109	541,933	54,193	14.13	50.70
Inverness	2,000	2	3,000	649,938	64,994	1.50	32.50
Judique	918			129,548	12,955		14.11
Mabou	727	4	36,358	180,877	18,088	50.01	24.88
Margaree	282	3	65,103	135,506	13,551	230.86	48.05
North East Margaree	325			117,532	11,753		36.16
Pleasant Bay	410						
Port Hastings	312	5	35,900	410,355	41,036	115.06	131.53

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Port Hawkesbury	3,850	2	100,789	6,802,605	680,261	26.18	176.69
Port Hood	695	1	2,000	115,534	11,553	2.88	16.62
Valley Mills	198			21,000	2,100		10.61
West Bay Road	388	2	16,690	187,562	18,756	43.02	48.34
Whycocomagh	411	4	5,541	87,614	8,761	13.48	21.31
Kings County	31,413	23	41,663	4,511,613	451,161	1.33	14.36
Aylesford	865	1	15,734	399,197	39,920	18.19	46.15
Berwick	1,699	27	82,346	4,135,420	413,542	48.47	243.40
Canning	752	2	3,554	248,243	24,824	4.73	33.01
Greenwich	378			28,907	2,891		7.65
Kentville	4,974	8	144,952	5,236,556	523,656	29.14	105.28
Kingston	1,665	82	293,635	761,706	76,171	176.36	45.75
New Minas	2,873	4	13,345	232,291	23,229	4.65	8.09
Port Williams	1,209	1	110	631,680	63,168	.09	52.25
Waterville	676	12	83,157	205,149	20,515	123.01	30.35
Wolfville	3,235	4	4,373	303,917	30,392	1.35	9.39
Lunenburg County	12,112	22	116,494	2,899,654	289,965	9.62	23.94
Baker Settlement	262	1	25,000	44,541	4,454	95.42	17.00
Blandford	227	4	1,560	90,161	9,016	6.87	39.72
Blockhouse	613	1	1,107	147,833	14,783	1.81	24.12
Bridgewater	6,669	20	141,277	599,525	59,953	21.18	8.99
Chelsea	238			22,128	2,213		9.30
Chester	10,242	11	42,495	524,384	52,438	4.15	5.12

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Chester Basin	639	14	283,320			443.38	
Conquerall Bank	946	5	12,102	68,887	6,889	12.79	7.28
Cornwall	358						
Crousetown	161	1					
Dayspring	643	1	13,000	30,744	3,074	20.22	4.78
Hebb's Cross	408	1		143,601	14,360		35.20
Hebbville	825	7	32,628	161,271	16,127	39.55	19.55
Hemford	277			37,878	3,788		13.68
Hubbards	718	5	85,812	155,345	15,535	119.52	21.64
Indian Point	159			703	70		.44
Italy Cross	282	4	20,252	64,401	6,440	71.82	22.84
LaHave	195	3	13,773	69,330	6,933	70.63	35.55
Lapland	108	1	8,000	68,624	6,862	74.07	63.54
Lunenburg	3,014	7	22,190	2,444,680	244,468	7.36	81.11
Mader's Cove	225			17,500	1,750		7.78
Mahone Bay	1,228	19	97,938	1,208,966	120,897	79.75	98.45
Maitland	189						
Martin's River	369			95,321	9,532		25.83
Midville District	232	5	18,800			81.03	
New Germany	581			343,641	34,364		59.15
New Ross	372	2	1,174	411,308	41,131	3.15	110.57
Newcombville	266			292	29		.13
Northfield	158	4	3,252	100,661	10,066	20.58	63.71

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Oakhill	278			14,393	1,439		5.18
Petite Riviere	281			683	68		.24
Pleasantville	451	7		55,923	5,592		12.40
Riverport	387	3	37,158	12,145,228	1,214,523	96.01	3,138.30
United Communities (Mill Village)	227						
Western Shore	704	24	28,784	387,288	38,729	40.89	55.01
Wileville	742	9	333	127,811	12,781	.45	17.23
Pictou County	16,568	17	106,382	1,947,231	194,723	6.42	11.75
Abercrombie	610	4	600			.98	
Alma	270	10	62,967	277,641	27,764	233.21	102.83
Barney's River	62	1		59,878	5,988		96.58
Blue Mountain	98						
East River Valley	133						
Eureka	431	3	60,000	196,808	19,681	139.21	45.66
Linacy	579			67,482	6,748		11.65
Little Harbour	410	2	265,000	368,112	36,811	646.34	89.78
Merigomish	189	4	4,465			23.62	
New Glasgow	10,464	17	229,297	2,594,911	259,491	21.91	24.80
Pictou	4,628	13	64,466	1,597,093	159,709	13.93	34.51
Pictou Island	35						
Pictou Landing	534	2	61,400	343,539	34,354	114.98	64.33

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Plymouth	314			92,866	9,287		29.58
River John	488	3	44,352	123,740	12,374	90.89	25.36
Scotsburn	342			16,448	1,645		4.81
Stellarton	5,435	15	196,046	1,215,866	121,587	36.07	22.37
Thorburn	1,004	4	45,700	182,303	18,230	45.52	18.16
Trenton	3,154	13	16,344	875,989	87,599	5.18	27.77
West River	80	1	1,290	43,949	4,395	16.13	54.94
Westville	4,522	14	113,512	799,732	79,973	25.10	17.69
Queens County	8,288	6	2,228	790,407	79,041	.27	9.54
Charleston	232			9,205	921		3.97
Greenfield	177	2	12,395	46,338	4,634	70.03	26.18
Liverpool	3,304	107	473,139	1,292,399	129,240	143.20	39.12
Mill Village	227	2	2,037	445,826	44,583	8.97	196.40
North Queens-Caledonia	517	46	43,046	330,867	33,087		64.00
Port Medway	318			66,158	6,616		17.36
Richmond County	9,564	10	114,539	1,215,563	121,556	11.98	12.71
District 10, Johnstown	53						
Framboise-Forchu	93	2					
Grand River	114	1	7,000			61.40	
Isle Madame	824			365,743	36,574		44.39
Louisdale	967	1	482	477,195	47,720	.50	49.35
St. Peter's	669	35	153,209	362,454	36,245	229.01	54.18

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Shelburne County	8,839	13	15,534	1,058,918	105,892	1.76	11.98
Barrington	388			48,343	4,834		12.46
Barrington Passage	722	3	10,376	16,525	1,653	14.37	2.29
Clark's Harbour	1,059	3	4,084	445,562	44,556	3.86	42.07
Dist. 6W, Clark's Harbour	437	2	1,146,870	1,146,870	114,687	2,624.42	262.44
Gunning Cove	129	1	37,000			286.82	
Ingomar-Roseway	158						
Jordan	539	5	10,476	25,897	2,590	19.44	4.81
Lockeport	929	2	129,500	6,209,141	620,914	139.40	668.37
North East Harbour	102			9,206	921		9.03
Port Clyde	106						
Dist. 8, Port LaTour	178			9,727	973		5.47
Sable River	252			55,524	5,552		22.03
Shag Harbour	254	3	25,860	49,126	4,913	101.81	19.34
Shelburne	2,303	10	206,882	1,090,495	109,050	89.83	47.35
West Green Harbour	150	2	1,803			12.02	
Woods Harbour	783	2	109	26,403	2,640	.14	3.37
Victoria County	3,968	9	186,200	1,163,182	116,318	46.93	29.31
Baddeck	1,266	2	12,585	81,720	8,172	9.94	6.46
Big Bras d'Or	281			124,092	12,409		44.16
Cabot	311	1	235,000	330,748	33,075	755.63	106.35
Ingonish	1,262	5	227,000	2,382,304	238,230	179.87	188.77

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
Ions	120			9,131	913		7.61
Neil's Harbour - New Haven	445						
North River-Englishtown	238	1	14,000	15,216	1,522	58.82	6.40
South Side Boularderie-Bras d'Or	541						
Yarmouth County	10,557	19	53,087	1,196,184	119,618	5.03	11.33
Charleton	459			39,655	3,966		8.64
Comeau's Hill-Little Brook	553						
Eel Brook	154			11,685	1,169		7.59
East Pubnico	313	3	44,280			141.47	
Islands and District-Tusket	488	1	21,700			44.47	
Kemptville	107						
Lake Vaughan	210	1	1,554			7.40	
Lakes and District (RR1, South Ohio)	658						
Port Maitland	475	3	3,484	25,872	2,587	7.33	5.45
Quinan	83	5	26,281			316.64	
Valley and District (RR2,							

TABLE IV (continued)

Location (1)	Population (2)	1983–84 No.	1983–84 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1983–84	Loss Per Capita 1974–84
South Ohio)	200	10	71,185			355.93	
Wedgeport	827	2	45,160	103,035	10,304	54.61	12.46
West Pubnico	1,364	6	199,085	256,128	25,613	145.96	18.78
Yarmouth	9,842	5	15,561	1,635,134	163,513	1.58	16.61
Total		2,634	$17,701,526				

1. The communities shown in this table are areas containing fire departments and their districts.
2. Populat'on figures are taken from the 1981 Census of Canada.

TABLE V

BREAKDOWN OF REPORTED CAUSES OF FIRES BY NUMBER OF FIRES AND MONETARY LOSSES

April 1, 1983 - March 31, 1984

Causes	No. of Fires	Losses		
		Insured	Uninsured	Total
Chimneys, stacks and pipes	389	$ 880,578	$ 27,575	$ 908,153
- creosote build-up	258	176,908	2,000	178,908
- improper installation of	7	38,439		38,439
- defective	3	8,000		8,000
Arson and suspected incendiary	214	2,145,902	40,220	2,186,122
Electrical				
- electrical miscellaneous	142	2,505,273	312,103	2,817,376
- short circuit, faulty wiring	132	891,578	42,950	934,528
- appliances (other than heating)	43	306,994	8,100	315,094
- lightning	15	69,640	200	69,840
- radiated electrical heat	13	108,790	100	108,890
- television	8	84,140		84,140
- misuse of electrical heating appliances	7	22,344	100	22,444
- electrical heating appliances miscellaneous	3	32,684	100	32,784
- defective electrical heating appliances	3	4,389		4,389
Careless handling of smoking materials	135	768,863	38,500	807,363
Ignition of fat, grease and cooking oils	127	674,061	7,150	681,211
Miscellaneous	71	326,355	1,800	328,155
Hot ashes, coals, sparks	69	144,962	700	145,662
Oil heating appliances				
- defective	38	238,539	6,265	244,804
- miscellaneous	15	32,281		32,281
- explosion of	3	2,888	200	3,088
- misuse of	2	14,392		14,392
Solid fuel heating appliances				
- miscellaneous	36	515,235	15,150	530,385
- misuse of	9	75,426	100	75,526
- defective	1	1,000		1,000
Pot left in/on stove	36	41,415	500	41,915
Fireplaces				
- miscellaneous	31	165,631	4,600	170,231
- improper installation of	2	1,500		1,500
Children playing with matches	30	341,292	8,000	349,292
Welding torches	29	752,693	200	752,893

TABLE V (continued)

Causes	No. of Fires	Losses		
		Insured	Uninsured	Total
Carburetor (auto)	27	22,731		22,731
Misuse of flammable and combustible liquids	20	144,576	900	145,476
Grass fires	13	51,015	12,600	63,615
Radiated heat (other than electrical)	13	137,480		137,480
Spontaneous ignition	11	116,600	1,000	117,600
Propane appliances and equipment				
- miscellaneous	11	139,471	100	139,571
- defective	5	1,154	200	1,354
- explosion of	4	6,642		6,642
- misuse of	1			
Burning rubbish, leaves	6	24,736	200	24,936
Kerosene heaters				
- miscellaneous	5	9,591		9,591
- misuse of	2	142,314	440	142,754
- defective	1	1,300		1,300
Candles, kerosene lamps	5	5,601		5,601
Exposure fires	1	8,020		8,020
Exposure to contents from another fire	1	1,400	100	1,500
Undetermined	637	4,895,800	88,750	4,984,550
Total	2,634	$17,080,623	$820,903	$17,701,526

TABLE VI

BREAKDOWN OF TYPES OF PROPERTY WHERE FIRES OCCURRED — BY NUMBER OF FIRES AND MONETARY LOSSES

April 1, 1983 - March 31, 1984

Type of Property	No. of Fires	Losses		
		Insured	Uninsured	Total
Dwellings	1,477	$ 7,989,399	$225,440	$ 8,214,839
Automobiles	538	681,178	1,600	682,778
Apartments	147	757,063	9,050	766,113
Mobile homes	47	344,880	16,200	361,080
Sheds	45	207,805	40,500	248,305
Farm risks	42	193,589	56,000	249,589
Private garages	41	182,727	10,900	193,627
Retails stores	40	1,040,774	235,263	1,276,037
Miscellaneous manufacturing	37	399,334	500	399,834
Marine	27	1,391,542		1,391,542
Businesses	22	354,062	500	354,562
Trailers and recreational vehicles	20	49,244	50	49,294
Restaurants	19	521,667		52,667
Hotels and motels	15	18,231		18,231
Hospitals, nursing homes	15	37,174		37,174
Federal properties	13	469,800		469,800
Office buildings	11	54,106	26,000	80,106
Churches	10	246,072		246,072
Public garages	9	40,186	100	40,286
Service stations	9	273,235		273,235
Body shops	8	84,573		84,573
Warehouses	8	17,799	1,000	18,799
Food product plants, bakeries	7	1,851,295		1,851,295
Public halls, clubs	7	216,520		216,520
Schools	6	3,930		3,930
Miscellaneous non-manufacturing	5	35,129		35,129
Saw mills	3	33,934	500	34,434
Foundries, metal works	3	1,000		1,000
Lumber yards	1			
Libraries, museums	1	50,395		50,395
Municipal halls, service clubs	1	300		300
Total	2,634	$17,080,623	$620,903	$17,701,526

TABLE VII

FIRES WHERE MONETARY LOSSES EXCEEDED $250,000
April 1, 1983 - March 31, 1984

No.	Location	Date	Classficiation	Amount	Listed Cause
1.	Dartmouth Halifax Co.	Aug. 9–83	Marine	$ 700,832	Welding Torch
2.	Chance Harbour Pictou Co.	Oct. 15–83	Marine	250,000	Undetermined
3.	Newellton Shelburne Co.	Dec. 25–83	Fish Plant	1,146,500	Undetermined
4.	Truro Colchester Co.	Dec. 29–83	Furniture Store	614,000	Electrical
5.	Port Mouton Queens Co.	Mar. 14–84	Fish Plant	350,000	Electrical
			Total	$3,061,332	

TABLE VIII

DEATHS AND SERIOUS INJURIES FROM FIRE
TEN YEAR PERIOD

April 1, 1974 - March 31, 1984

	Deaths				Serious Injuries				
Year	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
1974-75	16	10	2	28	31	11	4	49	95
1975-76	13	8	16	37	32	17	11	31	91
1976-77	22	6	5	33	36	7	10	31	84
1977-78	17	8	6	31	44	8	8	59	119
1978-79	27	1	2	30	36	24	7	89	156
1979-80	11	8	11	30	40	16	15	95	166
1980-81	13	3	19	35	22	16	12	56	106
1981-82	13	2	6	21	35	14	7	75	131
1982-83	27	12	7	46	32	9	16	48	105
1983-84	11	5	10	26	29	12	8	24	73
Total	170	63	84	317	337	134	98	557	1,126
Average Per year	17	6	8	32	34	13	10	56	113

DEATHS AND SERIOUS INJURIES FROM FIRE
TEN YEAR PERIOD

April 1, 1974 - March 31, 1984

Chart I

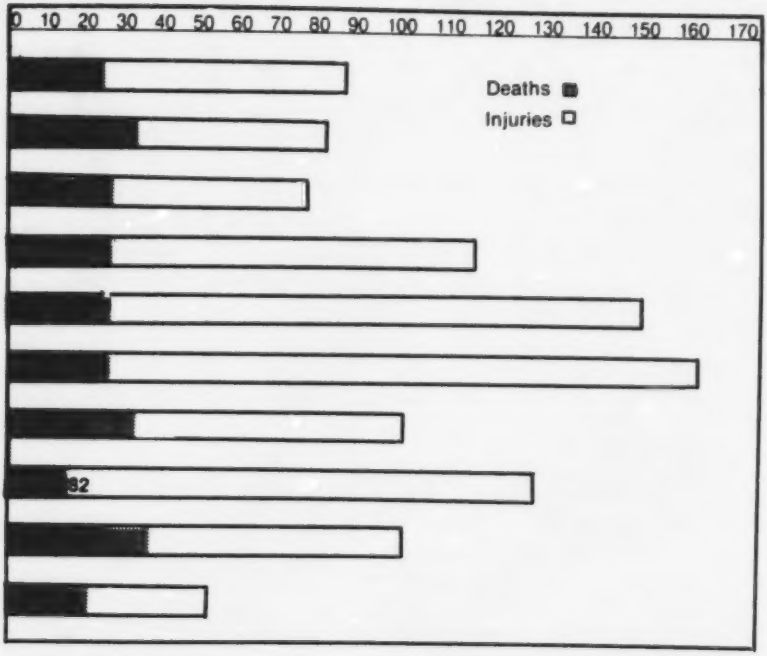


TABLE IX

MONETARY LOSSES DUE TO FIRE
TEN YEAR PERIOD

April 1, 1974 - March 31, 1984

Year	No. of Fires	Losses			Consumer Price Index (Halifax)	Total Monetary Losses (1971 Canadian
		Insured	Uninsured	Total	1971 Base 100.0	Dollar)
1974-75	1,978	$ 13,891,574	$ 14,330.724	$ 14,330,724	132.2	$10,840,185
1975-76	2,203	13,731,557	14,196,407	14,196,407	145.7	9,743,588
1976-77	2,127	12,350,191	812,245	13,162,436	155.7	8,453,716
1977-78	1,944	11,259,041	579,825	11,838,866	168.1	7,042,752
1978-79	2,274	15,190,858	116,480	15,307,338	182.5	8,387,582
1979-80	2,685	14,985,083	58,575	15,043,658	201.0	7,484,407
1980-81	3,057	34,562,831	145,792	34,708,623	225.1	15,419,202
1981-82	2,870	37,266,230	3,028,360	40,294,590	247.6	16,274,067
1982-83	2,589	28,241,772	923,134	29,164,906	267.5	10,902,769
1983-84	2,634	17,080,623	620,903	17,701,526	279.1	6,342,360
Total	24,360	$196,559,760	$7,189,314	$205,749,074		